

**Commonwealth of Kentucky
Division for Air Quality**

PERMIT APPLICATION SUMMARY FORM

Completed by: Rita Arguello

GENERAL INFORMATION:

Name:	T RAD NORTH AMERICA, INC. .
Address:	210 Bill Bryan Boulevard, Hopkinsville, Kentucky 42240
Date application received:	October 25, 2006
SIC/Source description:	3714
AFS Plant ID:	21-047-00067
Application log number:	APE20060001
Permit number:	F-07-031

APPLICATION TYPE/PERMIT ACTIVITY:

<input type="checkbox"/> Initial issuance	<input type="checkbox"/> General permit
<input type="checkbox"/> Permit modification	<input checked="" type="checkbox"/> Conditional major
___Administrative	<input type="checkbox"/> Title V
Minor	<input type="checkbox"/> Synthetic minor
___Significant	<input checked="" type="checkbox"/> Operating
<input checked="" type="checkbox"/> Permit renewal	<input type="checkbox"/> Construction/operating

COMPLIANCE SUMMARY:

<input type="checkbox"/> Source is out of compliance	<input type="checkbox"/> Compliance schedule included
<input type="checkbox"/> Compliance certification signed	

APPLICABLE REQUIREMENTS LIST:

<input type="checkbox"/> NSR	<input type="checkbox"/> NSPS	<input checked="" type="checkbox"/> SIP
<input type="checkbox"/> PSD	<input type="checkbox"/> NESHAPS	<input type="checkbox"/> Other
<input type="checkbox"/> Netted out of PSD/NSR	<input type="checkbox"/> Not major modification per 401 KAR 51:017, 1(23)(b) or 51:052,1(14)(b)	

MISCELLANEOUS:

- ☐ Acid rain source
- ☐ Source subject to 112(r)
- ☒ Source applied for federally enforceable emissions cap
- ☐ Source provided terms for alternative operating scenarios
- ☐ Source subject to a MACT standard
- ☐ Source requested case-by-case 112(g) or (j) determination
- ☐ Application proposes new control technology
- ☒ Certified by responsible official
- ☐ Diagrams or drawings included
- ☐ Confidential business information (CBI) submitted in application
- ☐ Pollution Prevention Measures
- ☐ Area is non-attainment (list pollutants):

EMISSION SUMMARY:

Pollutant	Plant-Wide Actual Emissions	(TPY) Plant-wide Potential Emissions
VOC	57.74	470.000
PM	4.160	46.000
Total HAP	3.047	12.901
Lead (HAP)	0.174	1.435
2-Butoxyethanol	4.943	42.886
Ethylbenzene (HAP)	0.109	0.995
Xylene (HAP)	1.198	10.471
NO ₂	0.660	6.176
CO	0.555	5.188
SO ₂	0.004	0.037

SOURCE PROCESS DESCRIPTION:

T. RAD North America, Inc. produces industrial radiators at the Hopkinsville, Kentucky facility. The plant consists of several soldering and fluxing tanks, two welding stations, and painting facilities. The paint booths are the major VOC emitters for the facility.

EMISSION AND OPERATING CAPS DESCRIPTION:

T. RAD NORTH AMERICA, INC. must maintain their plant-wide VOC emissions at or below 90 tons per year, HAPs emissions shall not exceed 9 tons/year individually and 22.5 tons/year combined based on a 12 month rolling total to preclude major source thresholds under 401 KAR 52:030, Federally Enforceable permits for non-major sources.